Lesson 6: Practice Joins with 3 or More Tables

Audience

- Those who are new to relational DBs and SQL.

Objective

To practice inner joins with 3 or more tables, and other concepts learned so far.

Software & Resources Needed

- Database Server with Interface

  - MS SQL Server with SQL Server Management Studio

  OR

  - MySQL with MySQL Workbench (part of MySQL install)

  OR

  - Online (sqlfiddle.com)

- Data

  - Test data on Github repo.

- Github repo for information

Day 6: Practice with 3 or More Tables

Preparation

Watch the Day 6 video:

- https://youtu.be/FRdfuKXy2TE

Try It

Using the SalesOrdersExample DB,
Show me customers and employees who have the same last name.

Try It

Using the SalesOrdersExample DB,
display all orders, the products in each order, and the amount owed for each
product in order number sequence.

Try It

Using the SalesOrdersExample DB,
Show me the vendors and products they supply to us for products that cost less than $100.

Try It

Using the EntertainmentAgencyExample DB,
Find agents and engagement dates they booked, sorted by booking start date.

Try It

Using the EntertainmentAgencyExample DB,
List customers and the entertainers they booked.

Try It

Using the database SchoolSchedulingExample,
List the faculty staff and the subject each teaches.

Try It

Using the database SchoolSchedulingExample,
List students and all the classes in which they are currently enrolled.

Try It

Using the database BowlingLeagueExample,
display bowling teams and all the team members.

Try It

Using the database BowlingLeagueExample,
Display the bowlers, the matches they played in, and the bowler game scores.

Try It

Using the RecipesExample Database,
List all recipes that contain a dairy ingredient.